

IN THE SPECIFICATION

Please replace the paragraphs beginning at page 1, line 3 with the following rewritten paragraph:

--FIELD OF THE INVENTION RELATED APPLICATIONS

This application claims the benefit of US patent application serial number 10/044,552 entitled AQUATIC EXERCISE DEVICE filed on January 12, 2002 which claims the benefit of U.S. Provisional Application No. 60/260,940 filed 01/12/01. ~~This invention relates to the field of exercise and physical therapy equipment, more specifically, exercise and physical therapy equipment used in an aquatic environment where the individual using this equipment is completely in or partly under the water. Aquatic physical exercise has been found to be one of the best forms of exercise, where the water supports the individual's body and they may exercise prescribed specific muscle groups without stressing other areas of the body. They can usually exercise for longer periods of time due to being in the cool water environment and not having to support their body. Physical therapy for the elderly in the water has become very popular because many of them are overweight and most forms of rigorous exercise will put too much strain on their hearts and joints and ligaments. Taking care of an individual's body has become very popular and in the field of physical exercise equipment there is a growing need for refinement of all the apparatuses used.--~~

Please add the following new paragraph after the paragraph ending on line 16 of page 21:

--Figure 4 is an illustration of a perspective view of an exemplary aquatic exercise device having a flange member.--

Please replace the paragraph beginning at page 21, line 19 with the following rewritten paragraph:

~~--Referring now to the drawing Figure 1 showing is an illustration of the bell device 10A in a perspective view from the backside of a bell device 10A. The device 10A is shown in its preferred embodiment of three quadrants, 12A, 12B and 12C, although it must be understood that it can be constructed in any number of quadrants, from two or more and not deviate without~~

deviating from the scope of this patent. Quadrant 12A, being a typical quadrant illustrated in Figure 2, consists of an outer spherical surface 14 enclosed by three fins 16 all perpendicular to a tangent line on spherical surface 14. These fins 16 may vary in size on different units and still be within the scope of the patent. Two of the fins 16 on the device 10A are parallel to the central axis or X-axis with fin surfaces 18 and 20 facing inwardly into quadrant 12A and with one fin 16 transverse to the X-axis with fin surface 22 facing inwardly, all fin surfaces 18, 20 and 22 at equal angles to the spherical surface 14. Each quadrant 12A, 12B and 12C will have a line of axial force as represented by U-axis, V-axis and W-axis. ~~When the device 10A is thrust through the water laterally the angle of the fins 16, and the pressure on the three fin surfaces 18, 20 and 22 direct the force along the axis U, V and W.~~ When the device 10A is laterally thrust through the water, the angle of the fins 16 results in a pressure on the three fin surfaces 18-22 directed along the U,V, and W axes. When the device 10A is thrust forward, parallel to the central axis or X-axis, the quadrants 12A, 12B and 12C work in combination to produce a balanced means of resistance and thereby minimize twisting force.

Please replace the paragraph beginning at page 22, line 18 with the following rewritten paragraph:

--The spherical surface 14 of each quadrant 12A has a plurality of orifices 24 that are used to cushion the force and stabilize the ~~Aquatic-exerciser~~ aquatic exercise device 10A as it moves through the water. The sizes and shapes of the orifices 24 may vary with different units and still be within the scope of the patent. In the current best mode, the orifices 24 are elongated along a central axis 23 through each of the orifices 24. ~~With each such orifice central axis 23 pointing toward the axis point 19 on the exterior surface 21 of the bell formed by the device 10 where the x axis 17 intersects the exterior surface 21, a means to stabilize the device 10 during use is provided by venting the water through the orifices 24 in a directional fashion which minimizes twisting when the device 10 is moved back and forth along the x axis 17 underwater by the user.~~ Each orifice central axis 23 points toward an axis point 19 on the exterior surface 21 of the bell, where the axis point 19 is formed at the intersection of the x axis 17 and the exterior surface 21. Water vents through the arrangement of orifices 24 to stabilize the device 10 during use and minimize twisting when the device 10 is moved back and forth along the x axis 17 underwater by the user.--

Please replace the paragraph beginning at page 23, line 21 with the following rewritten paragraph:

--When used, the ~~Aquatic exerciser~~ aquatic exercise device 10A is held in the hand 30 of the individual by the means of handgrip 32. The handgrip 32 may be in the shape of a pistol grip or a straight rod that is located within the inner spherical chamber 28 formed by the quadrants 12A, 12B and 12C.--

Please add the following paragraph after the paragraph ending at page 25, line 2:

--Therefore, the aquatic exercise device 10, includes at least a plurality of fins 16 arranged to form a bell and handgrip 32 (handle) connected within the bell. The plurality of fins include at least one transverse fin 16 that at least partially encircles the inner cavity 28 of the bell and a plurality of longitudinal fins 16 extending from the axis point 19 (apex) to the transverse fin 16 having a transverse fin surface 22. The bell may also have a spherical surface 14 positioned between the longitudinal fins 16, where the spherical surface 14 includes several orifices (apertures) 24 allowing water to vent into or from the inner cavity when the device is moved through water. By symmetrically arranging and sizing the fins 16 and apertures 24, a resistance can be produced when the device 10 is moved through water where the resistance is independent to the direction the device 10 is moved in a plane tangential to the axis point 19 (apex).--